

# **EXHIBIT 16**

## Certificate of Registration



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

*Marybeth Peters*

Register of Copyrights, United States of America

# FORM TX

For a Nondramatic Literary Work  
UNITED STATES COPYRIGHT OFFICE

TXu 1-237-896



EFFECTIVE DATE OF REGISTRATION

04 29 2005  
Month Day Year

DO NOT WRITE ABOVE THIS LINE IF YOU NEED MORE SPACE, SEE REVERSE SIDE OF THIS FORM. RATE CONTINUATION SHEET.

1

## TITLE OF THIS WORK ▼

Cisco IOS XR version 3.0

PREVIOUS OR ALTERNATIVE TITLES ▼ Cisco IOS release 3.0; Cisco Internetwork Operating System XR version 3.0; Cisco Internetwork Operating System XR release 3.0; IOX version 3.0; IOX release 3.0; HFROS version 3.0; HFROS release 3.0; ENA version 3.0; ENA release 3.0;

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work ▼

If published in a periodical or serial give: Volume ▼

Number ▼

Issue Date ▼

On Pages ▼

2

## NAME OF AUTHOR ▼

a Cisco Systems, Inc.

## DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

Was this contribution to the work a "work made for hire?"

☒ Yes

☐ No

## AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR Citizen of ►

Domiciled in ► United States

## WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☒ No

Pseudonymous? ☐ Yes ☒ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

New and revised computer code and documentation.

## NAME OF AUTHOR ▼

b See Attached Form TX/CON for Additional Authors

## DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

Was this contribution to the work a "work made for hire?"

☐ Yes

☐ No

## AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR Citizen of ►

Domiciled in ►

## WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No

Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

## NAME OF AUTHOR ▼

c

## DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

Was this contribution to the work a "work made for hire?"

☐ Yes

☐ No

## AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR Citizen of ►

Domiciled in ►

## WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No

Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

3

## YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED

2004

Year

## DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK

Complete this information ONLY if this work has been published.

Month ► Day ► Year ►

Nation

4

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

Cisco Technology, Inc.  
170 West Tasman Drive  
San Jose, CA 95134

TRANSFER If the claimant(s) named here in space 4 is (are) different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

By agreement

DO NOT WRITE HERE  
OFFICE USE ONLY

APR 29 2005

ONE DEPOSIT RECEIVED

APR 29 2005

TWO DEPOSITS RECEIVED

FUNDS RECEIVED

## MORE ON BACK ►

- Complete all applicable spaces (numbers 5-9) on the reverse side of this page.
- See detailed instructions.
- Sign the form at line 8.

DO NOT WRITE HERE

Page 1 of 2 pages

|   |                               |
|---|-------------------------------|
| EXAMINED BY <i>Jbe</i>                  | FORM TX                       |
| CHECKED BY                              |                               |
| <input type="checkbox"/> CORRESPONDENCE | FOR COPYRIGHT OFFICE USE ONLY |
| <input type="checkbox"/> Yes            |                               |

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

**PREVIOUS REGISTRATION** Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?☐ Yes ☒ No If your answer is "Yes," why is another registration being sought? (Check appropriate box.) ▼a. ☐ This is the first published edition of a work previously registered in unpublished form.b. ☐ This is the first application submitted by this author as copyright claimant.c. ☐ This is a changed version of the work, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ►

Year of Registration ►

5

**DERIVATIVE WORK OR COMPILATION**

Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

Prior works by claimant and preexisting third party computer code.

Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

New and revised computer code and documentation

a 6

See instructions before completing this space.

b

**DEPOSIT ACCOUNT** If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼

Account Number ▼

Cisco Technology, Inc.

DA92785

a 7

**CORRESPONDENCE** Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/ZIP ▼

Jason Schroth

Cisco Technology, Inc.

170 West Tasman Drive

San Jose, CA 95134

Area code and daytime telephone number ► (408) 853-7972

Fax number ► (408) 853-7972

Email ► jschroth@cisco.com

b

**CERTIFICATION\*** I, the undersigned, hereby certify that I am the

Check only one ►

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent of Cisco Technology, Inc.

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

8

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert Barr VP Intellectual Property

Date ► 04/25/2005

Handwritten signature (X)

X

Certificate will be mailed in window envelope to this address:

Name ▼

Jason Schroth, Intellectual Property Department / Cisco Technology, Inc.

Number/Street/Apt ▼

170 West Tasman Drive

City/State/ZIP ▼

San Jose, CA 95134

**"YOU MUST"**

- Complete all necessary spaces
- Sign your application in space 8

**SEND ALL ELEMENTS OF THE SAME PACKAGE**

1. Application form
2. Nonrefundable filing fee in check or money order payable to Register of Copyrights
3. Deposit material

**MAIL TO**

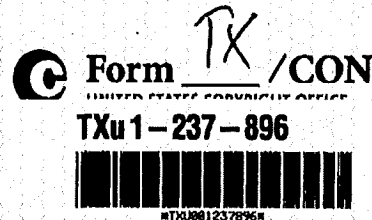
Library of Congress  
Copyright Office  
101 Independence Avenue, S.E.  
Washington, D.C. 20559-6000

Fees are subject to change. For current fees, check the Copyright Office website at [www.copyright.gov](http://www.copyright.gov), write the Copyright Office, or call (202) 797-3009.

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\*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

# CONTINUATION SHEET FOR APPLICATION FORMS



- This Continuation Sheet is used in conjunction with Forms CA, PA, SE, SR, TX, and VA, only. Indicate which basic form you are continuing in the space in the upper right-hand corner.
- If at all possible, try to fit the information called for into the spaces provided on the basic form.
- If you do not have enough space for all the information you need to give on the basic form, use this Continuation Sheet and submit it with the basic form.
- If you submit this Continuation Sheet, clip (do not tape or staple) it to the basic form and fold the two together before submitting them.
- Space A of this sheet is intended to identify the basic application.  
Space B is a continuation of Space 2 on the basic application.  
Space B is not applicable to Short Forms.  
Space C (on the reverse side of this sheet) is for the continuation of Spaces 1, 4, or 6 on the basic application or for the continuation of Space 1 on any of the three Short Forms PA, TX, or VA.

|    |     |    |     |     |    |     |    |            |    |     |
|----|-----|----|-----|-----|----|-----|----|------------|----|-----|
| PA | PAU | SE | SEG | SEU | SR | SRU | TX | <b>TXU</b> | VA | VAU |
|----|-----|----|-----|-----|----|-----|----|------------|----|-----|

EFFECTIVE DATE OF REGISTRATION

04 29 2005  
(Month) (Day) (Year)

CONTINUATION SHEET RECEIVED

APR 29 2005

Page 3 of 4 pages

DO NOT WRITE ABOVE THIS LINE. FOR COPYRIGHT OFFICE USE ONLY

**IDENTIFICATION OF CONTINUATION SHEET:** This sheet is a continuation of the application for copyright registration on the basic form submitted for the following work:

- **TITLE:** (Give the title as given under the heading "Title of this Work" in Space 1 of the basic form.)

Cisco IOS XR version 3.0

- **NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S):** (Give the name and address of at least one copyright claimant as given in Space 4 of the basic form or Space 2 of any of the Short Forms PA, TX, or VA.)

Cisco Technology, Inc., 170 West Tasman Drive, San Jose, CA 95134

**A**  
Identification  
of  
Application

NAME OF AUTHOR ▼

(See Space C)

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

**B**

Continuation  
of Space 2

Was this contribution to the work a "work made for hire"?

- ☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country

OR { Citizen of ► \_\_\_\_\_  
Domiciled in ► \_\_\_\_\_

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

- Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by the author in which copyright is claimed. ▼

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

**e**

Was this contribution to the work a "work made for hire"?

- ☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country

OR { Citizen of ► \_\_\_\_\_  
Domiciled in ► \_\_\_\_\_

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NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

**f**

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- ☐ Yes  
☐ No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country

OR { Citizen of ► \_\_\_\_\_  
Domiciled in ► \_\_\_\_\_

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Pseudonymous? ☐ Yes ☐ No

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Use the reverse side of this sheet if you need more space for continuation of Spaces 1, 4, or 6 of the basic form or for the continuation of Space 1 on any of the Short Forms PA, TX, or VA.



CONTINUATION OF (Check which): ☐ Space 1 ☐ Space 4 ☐ Space 6 ☒ Space 2b**C**

| Name of Author            | Work For Hire | Domicile      | Anonymous | Pseudo-nymous | Nature of Contribution        | Continuation of other Spaces |
|---------------------------|---------------|---------------|-----------|---------------|-------------------------------|------------------------------|
| Cisco Technology, Inc.    | Yes           | United States | Yes       | No            | Computer Code & Documentation |                              |
| Adecco/Tad Tech*          | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| Alliance of Professionals | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| Americas Global           | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| APC, Inc.                 | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| Calian Technologies       | Yes           | Canada        | Yes       | No            | Documentation                 |                              |
| Conoscenti                | Yes           | Canada        | Yes       | No            | Computer Code                 |                              |
| Duet Technologies         | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| Eclipse                   | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| Ensoft Ltd                | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| Harrington Informatics    | Yes           | Canada        | Yes       | No            | Computer Code                 |                              |
| HCL                       | Yes           | India         | Yes       | No            | Computer Code                 |                              |
| Insight Solutions, Inc.   | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| Introtronix International | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| J. Arthur Group           | Yes           | United States | Yes       | No            | Documentation                 |                              |
| MetaData                  | Yes           | Canada        | Yes       | No            | Computer Code                 |                              |
| Migration Software        | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| NSA**                     | Yes           | United States | Yes       | No            | Documentation                 |                              |
| Oakhill Publications      | Yes           | United States | Yes       | No            | Documentation                 |                              |
| ODI-HCL                   | Yes           | India         | Yes       | No            | Computer Code                 |                              |
| Pipelink                  | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| Pure Solutions            | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| Rnsoft Limited            | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| Silver                    | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| SNMP Research             | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| SoftSol Resources         | Yes           | United States | Yes       | No            | Computer Code                 |                              |
| TechOne                   | Yes           | United States | Yes       | No            | Computer Code                 |                              |

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Name ▼

Jason Schroth, Intellectual Property Department / Cisco Technology, Inc.

Number/Street/Apt ▼

170 West Tasman Drive

City/State/ZIP ▼

San Jose, CA 95134

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- Sign your application

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1. Application form
2. Nonrefundable fee in check or money order payable to Register of Copyrights
3. Deposit Material

**MAIL TO**

Library of Congress, Copyright Office  
101 Independence Avenue, S.E.  
Washington, D.C. 20559-6000

**D**

Fees are subject to change. For current fees, check the Copyright Office website at [www.copyright.gov](http://www.copyright.gov), write the Copyright Office, or call (202) 707-3000.